

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	10/734,609
Filing Date	December 12, 2003
First Named Inventor	Smith et al.
Art Unit	1648
Examiner Name	Michael M. McGraw
Attorney Docket Number	79-02

GWS 10/14/2004

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T ²
mm	1	WO 92/10578	06/25/1992			
L	2	WO 99/08706	02/25/1999			

NON-PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. ¹	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
mm	1	Balasuriya et al. (Feb. 2002) "Alphavirus replicon particles expressing the two major envelope proteins of equine arteritis virus induce high level protection against challenge with virulent virus in vaccinated horses"; <i>Vaccine</i> 20:1609-1617.	
	2	Bell et al. (Mar. 1978) "Effect of Low-NaCl Medium on the Envelope Glycoproteins of Sindbis Virus"; <i>J. Virol.</i> 25(3):764-769	
	3	Bernard et al. (2000) "Mutations in the E2 Glycoprotein of Venezuelan Equine Encephalitis Virus Confer Heparan Sulfate Interaction, Low Morbidity, and Rapid Clearance from Blood of Mice," <i>Virology</i> 276:93-103	
	4	Casimiro et al. (Jan. 2002) "Vaccine-induced immune responses in rodents and nonhuman primates by use of a humanized immunodeficiency virus type 1 pol gene"; <i>J. Virol.</i> 76:185-195	
	5	Davies et al. (1991), "Attenuating Mutations in the E2 Glycoprotein Gene of Venezuelan Equine Encephalitis Virus: Construction of Single and Multiple Mutants in a Full-Length cDNA Clone," <i>Virology</i> 183:20-31	
	6	Davies et al. (1986) "A Single Nucleotide Change in the E2 Glycoprotein Gene of Sindbis Virus Affects Penetration Rate in Cell Culture and Virulence in Neonatal Mice," <i>Proc. Natl. Acad. Sci. USA</i> 83:6771-6775	

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¹Applicant's unique citation designation number (optional).

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mm	7	Frolov et al. (1996) "Alphavirus-based expression vectors: Strategies and applications"; <i>Proc. Natl. Acad. Sci. USA</i> 93:11371-11377	
	8	Geisbert et al. (May 2002) "Evaluation in Nonhuman Primates of Vaccines against Ebola Virus"; <i>Emerging Infect. Dis.</i> 8(5):503-507	
	9	Golzio et al. (June 2002) "Cell Synchronization Effect on Mammalian Cell Permeabilization and Gene Delivery by Electronic Field," <i>Biochim. Biophys. Acta</i> 1563:23-28	
	10	Hahn et al. (1992) "Infectious Sindbis Virus Transient Expression Vectors for Studying Antigen Processing and Presentation," <i>Proc. Natl. Acad. Sci. USA</i> 89:2679-2683	
	11	Heiser et al. (Feb. 2002) "Autologous dendritic cells transfected with prostate-specific antigen RNA stimulate CTL responses against metastatic prostate tumors," <i>J. Clin. Inv.</i> 109(3):409-417	
	12	Hevey et al. (1998) "Marburg Virus Vaccines Based upon Alphavirus Replicons Protect Guinea Pigs and Nonhuman Primates"; <i>Virology</i> 251:28-37	
	13	Hill et al., (1997) "RNA-RNA recombination in Sindbis virus: roles of the 3' conserved motif, poly(A) tail, and nonviral sequences of template RNAs in polymerase recognition and template switching," <i>J. Virol.</i> 71:2693-2704	
	14	Johnston et al., (1988) "Selection for Accelerated Penetration in Cell Culture Coselects for Attenuated Mutants of Venezuelan Equine Encephalitis Virus," <i>Virology</i> 162:437-443	
	15	Kinney et al. (1989) "The Full Length Nucleotide Sequences of the Virulent Trinidad Donkey Strain of Venezuelan Equine Encephalitis Virus and Its Attenuated Vaccine Derivative, Strain TC-83," <i>Virology</i> 170:19-30	
	16	Klimstra et al., (1998) "Adaptation of Sindbis Virus to BHK Cells Selects for Use of Heparan Sulfate as an Attachment Receptor," <i>J. Virol</i> 72:7357-7366	
	17	Koller et al. (Sept. 2001) "A high-throughput alphavirus-based expression cloning system for mammalian cells"; <i>Nature Biotech.</i> 19:851-855	
	18	Kumamoto et al. (Jan. 2002) "Induction of Tumor-Specific Protective Immunity by <i>in situ</i> Langerhans Cell Vaccine," <i>Nature Biotech.</i> 20:64-69	
	19	Liljestrom et al. (1991) "In Vitro Mutagenesis of a Full-Length cDNA Clone of Semliki Forest Virus: The Small 6,000-Molecular-Weight Membrane Protein Modulates Virus Release," <i>J. Virol.</i> 65:4107-4113	
	20	Lu et al., (Jan. 2001) "Transmission of Replication-Defective Sindbis Helper Vectors Encoding Capsid and Envelope Proteins," <i>J. Virol. Methods</i> 91(1):59-65	
	21	Olmsted et al. (1986) "Characterization of Sindbis Virus Epitopes Important for Penetration in Cell Culture and Pathogenesis in Animals," <i>Virology</i> 148:245-254	
	22	Pushko et al. (1997) "Replicon-Helper systems from Attenuated Venezuelan Equine Encephalitis Virus: Expression of Heterologous Genes <i>in Vitro</i> and Immunization against Heterologous Pathogens <i>in Vivo</i> "; <i>Virology</i> 239:389-401	
	23	Waite et al. (Jan. 1970) "Inhibition of Sindbis Virus Production by Media of Low Ionic Strength: Intracellular Events and Requirements for Reversal"; <i>J. Virol.</i> 5:60-71.	
	24	Ward et al. (Jun. 2002) "Immunotherapeutic Potential of Whole Tumor Cells," <i>Cancer Immunol. Immunother.</i> 51:351-357.	

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mm	25	Wilson et al. (Jul. 2001) "Vaccine Potential of Ebola Virus VP24, VP30, VP35, and VP40 Proteins"; <i>Virology</i> 286:384-390	
I	26	Yamanaka et al. (Sept. 2002) Marked enhancement of antitumor immune responses in mouse brain tumor models by genetically modified dendritic cells producing Semliki Forest virus-mediated interleukin-12"; <i>J. Neurosurg.</i> 97:611-618.	
I	27	Yamanaka et al. (Mar. 2001) "Enhancement of antitumor immune response in glioma models in mice by genetically modified dendritic cells pulsed with Semliki Forest virus-mediated complementary DNA"; <i>J. Neurosurg.</i> 94:474-481.	
I	28	Ying et al. (1999) "Cancer Therapy Using a Self-Replicating RNA Vaccine," <i>Nature Medicine</i> 5(7):823-827	

Examiner Signature	<i>m. m. McGraw</i>	Date Considered	11-30-2004
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